

200 GeV ppbar

Soft QCD

Average  $p_T$  vs  $N_{ch}$  (UA1, all  $p_T$ )

- UA1
- ▼ Herwig 7.2.1 softTune
- △ Pythia 6.428 370
- ▲ Pythia 8.308 default

Rivet 3.1.10,  $\geq 3.4$ M events

mcplots.cern.ch [arXiv:1306.3436]

UA1\_1990\_S2044935

Ratio to UA1

2

1

0.5

 $n_{ch}$ 